به‌نام خدا



سوابق علمی دکتر فریال وارسته اکبرپور

دانشیار دانشگاه علوم کشاورزی و منابع طبیعی گرگان

مشخصات فردی

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زمینه‌های تحقیقاتی مورد علاقه

- فیزیولوژی پس از برداشت محصولات باغبانی
- فیزیولوژی رشد و نمو میوه‌ها
- ارزیابی کیفیت محصولات باغبانی
- تنوع زیستی درختان میوه

سوابق تحصیلی

- **کارشناسی:** مهندسی کشاورزی- علوم باغبانی.۱۳۷۷. دانشگاه فردوسی مشهد
- **کارشناسی ارشد:** مهندسی کشاورزی- علوم باغبانی. ۱۳۸۵. دانشگاه تربیت مدرس

عنوان پایان‌نامه کارشناسی ارشد: تغییرات فصلی فیزیکوشیمیایی میوه انار رقم ملس ترش ساوه و مطالعه مهمترین خصوصیات میوه برخی از ارقام مهم انار (*Punica granatum* L.) ایران.

- **دکتری تخصصی** (Ph.D) رشته علوم باغبانی. ۱۳۹۰. دانشگاه تربیت مدرس

عنوان رساله دکتری: تاثیر دمای نگهداری و تیمار پس از برداشت کیتوزان بر عمر انباری و کیفیت میوه انار (*Punica granatum* L.).

Publications

Journal Papers

- **Varasteh, F.,** Arzani, K., Zamani, Z.A. and Tabatabaei, S.Z.A. 2008. Physicochemical seasonal changes of pomegranate (*Punica granatum* L.) fruit cv. 'Malas-e-Torsh-e-Saveh' in Iran. Acta Horticulturae, 769: 255-258.
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- **Varasteh, F.,** Arzani, K., Barzegar, M. and Zamani, Z. 2012. Changes in anthocyanins in arils of chitosan-coated pomegranate (*Punica granatum* L. cv. Rabbab-e-Neyriz) fruit during cold storage. Food Chemistry, 130: 267-272.
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- Dabbagh, M., Mashyekhi, K., Gherekhlo, J. and Varasteh, F. 2017. Study of the effect of potassium permanganate on the biochemical characteristics of onion (*Allium cepa*). The Journal of Plant Production Research, 23(3): 135-149.
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- Kiani Feriz, M., **Varasteh Akbarpour, F.**, Davarinejad, G. 2003. Investigation of the planting depth effects of gladiolus corms**.** 2nd applied-scientific seminar on flowers and ornamental plants, Mahallat, Iran.
- **Varasteh, F.,** Arzani, K., Zamani, Z. and S.Z. Tabatabaei. 2005. Investigation of Physical and chemical changes during growth and development of pomegranate *(Punica granatum* L.) fruit cv. 'Malas-e-Torsh-e-Saveh'. 4th Iranian Horticultural Science Congress, Mashhad, Iran.
- **Varasteh, F.,** Arzani, K., Zamani, Z. and M.R. Akrami. 2005. The Effect of N, Zn and B spray on the qualitative and quantitative characteristics of pomegranate (*Punica granatum* L.) fruits cv. 'Malas e Torsh e Saveh'. 4th Iranian Horticultural Science Congress, Mashhad, Iran.

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- **Varasteh, F.**, Arzani, K., Barzegar, M. and Zamani, Z. 2013. Application of edible coating based on chitosan to extend pomegranate fruit storage life. III International symposium on pomegranate and minor mediterranean climate fruits. 20-24 Sept. 2013, Taian, China.
- **Varasteh, F.** 2016. Influence of packaging on storage life and quality of fresh broccoli florets. VIII International Postharvest Symposium, 21-24 June 2016, Cartagena, Spain.
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- **Varasteh. F.** 2020. Organic pomegranate orchard establishment and management. Green Room Session 2018 GEA (Geo Eco-Eco Agro) International Conference, Book of Abstracts, p. 75, 28-31 May 2020, Podgorica, Montenegro.

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- **Varasteh, F.**, Ghasemnejad, A. and Zamani, S. 2019. Effect of packaging film, storage temperature and time on qualitative and biochemical characteristics of dried leaves of rosemary (*rosmarinus Officinalis* L.).
- **Varasteh, F.** and Zamani, S. 2019. Effect of Tragacanth gum edible coating, cellophane and storage time on qualitative and biochemical characteristics of broccoli (*brassica Oleracea* L. Var Italica).
- **Varasteh, F.** and Moemen Yasaghi, Z. 2022. Evaluation of physicochemical and biochemical characteristics of Autumn olive fruit (Elaeagnus umbellate) at different growth and development stages and during storage.

Book chapter coauthor

- Varasteh, F., Alizadeh, M. and Sarkhosh, A. Fruit maturity, harvest methods and technologies, P. 428-455. In: A. Sarkhosh, A. Yavari and Z. Zamani, (Eds), The pomegranate: botany, production and uses, CAB International, UK.